

Cordless Brad Nailer

(Model CL180BN)



PART NO. 912237 - 09-10-04
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To learn more about DELTA MACHINERY
visit our website at: www.deltamachinery.com.

For Parts, Service, Warranty or other Assistance,

please call 1-800-223-7278 (In Canada call 1-800-463-3582).

ESPAÑOL: PÁGINA 17

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IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING Read and understand all warnings and operating instructions before using any tool or equipment. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Delta Machinery strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed.

If you have any questions relative to its application DO NOT use the product until you have written Delta Machinery and we have advised you.

Online contact form at www.deltamachinery.com

Postal Mail: Technical Service Manager
Delta Machinery
4825 Highway 45 North
Jackson, TN 38305

Information regarding the safe and proper operation of this tool is available from the following sources:

Power Tool Institute
1300 Sumner Avenue, Cleveland, OH 44115-2851
www.powertoolinstitute.org

National Safety Council
1121 Spring Lake Drive, Itasca, IL 60143-3201

American National Standards Institute, 25 West 43rd Street, 4 floor, New York, NY 10036 www.ansi.org ANSI 01.1 Safety Requirements for Woodworking Machines, and the U.S. Department of Labor regulations www.osha.gov

SAVE THESE INSTRUCTIONS!

SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

DANGER

indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

GENERAL SAFETY RULES*

⚠ WARNING

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.



SAVE THESE INSTRUCTIONS

1) Work area safety

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) **Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

- c) **Avoid accidental starting. Ensure the switch is in the off-position before plugging in.** Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust-related hazards.

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

GENERAL SAFETY RULES* FOR BATTERY OPERATED TOOLS

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use battery tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.
- e) **Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.

6) Service











- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

SAVE THESE INSTRUCTIONS!

ADDITIONAL SPECIFIC SAFETY RULES

1. **Keep fingers AWAY from trigger when not driving fasteners to avoid accidental firing.** Never carry tool with finger on trigger. In "contact actuation mode", tool will fire a fastener if tool is bumped.
2. **Never point tool at yourself or others in work area.** Serious injury or death may occur if the tool is activated.
3. **Disconnect tool from battery** before doing tool maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.
4. **Never use tool if safety, trigger or springs** are inoperable, missing or damaged. Do not alter or remove safety, trigger, or springs. Make daily inspections for free movement of trigger and safety mechanism.
5. **Do not use tool without safety warning label.** If label is missing, damaged or unreadable, contact your Delta Service Center for a replacement.
6. **Always assume the tool contains fasteners.** No horseplay. Respect the tool as a working implement.
7. **Do not load fasteners** with trigger or safety depressed, or battery inserted into tool, to prevent unintentional firing of a fastener.
8. **Remove finger from trigger** when not driving fasteners. Never carry tool with finger on trigger.
9. **Fire fasteners into work surface only:** never into materials too hard to penetrate.
10. **Grip tool firmly** to maintain control while allowing tool to recoil away from work surface as fastener is driven.
11. **Do not drive fasteners on top of other fasteners,** or with the tool at too steep an angle: the fasteners can ricochet causing personal injury.
12. **Do not drive fasteners close to the edge of the workpiece.** The workpiece is likely to split allowing the fastener to fly free or ricochet causing personal injury.
13. **Be aware that this tool is always in an operating condition, because it does not have to be plugged into an electrical outlet.** Always set the trigger switch to the locked "OFF" position when installing or removing the battery pack or nails.
14. **Some wood contains preservatives which can be toxic.** Take extra care to prevent inhalation and skin contact when working with these materials. Request and follow any safety information available from your material supplier.

SAVE THESE INSTRUCTIONS!

SYMBOL	DEFINITION
V	volts
A	amperes
Hz	hertz
W	watts
kW	kilowatts
F	farads
μF	microfarads
l	litres
g	grams
kg	kilograms
bar	bars
Pa	pascals
h	hours
min	minutes
s	seconds
n_0	no-load speed
.../min or ...min ⁻¹	Revolutions or reciprocations per minute
 or d.c.	direct current
 or a.c.	alternating current
2 	two-phase alternating current
2N 	two-phase alternating current with neutral
3 	three-phase alternating current
3N 	three-phase alternating current with neutral
 A	rated current of the appropriate fuse-link in amperes
	time-lag miniature fuse-link where X is the symbol for the time/current characteristic, as given in IEC 60127
	protective earth
	class II tool
IPXX	IP symbol

SAVE THESE INSTRUCTIONS!

SAFETY INSTRUCTIONS FOR CHARGER AND BATTERIES

1. **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for Delta Battery Charger.
2. **Before using a battery charger,** read all instructions and cautionary markings on (1) battery charger, (2) battery pack, and (3) product using battery.
3. **⚠ CAUTION** To reduce risk of injury, a Delta charger should only be used to charge a Delta battery pack. Other types of batteries may burst causing personal injury and damage. Do not charge a Delta battery pack with any other charger.
4. **Do not expose charger** to rain, snow or frost.
5. **Do not abuse cord.** Never carry charger by cord or yank it to disconnect from receptacle. Pull by plug rather than cord when disconnecting charger. Have damaged or worn power cord and strain reliever replaced immediately. **DO NOT ATTEMPT TO REPAIR POWER CORD.**
6. **Make sure cord** is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
7. **Do not use an extension cord** unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure:
 - A. That the pins on plug of extension cord are the same number, size and shape as those of plug on charger.
 - B. That the extension cord is properly wired and in good electrical condition.
 - C. Wire Size of cord is at least as specified in following chart:

LENGTH OF CORD IN FEET	25	50	100	150
AWG SIZE OF CORD	18	18	18	16

- D. If an extension cord is to be used outdoors it must be marked with the suffix W-A or W following the cord type designation. For example – SJTW-A to indicate it is acceptable for outdoor use.
8. **Do not operate** charger with damaged cord or plug – have them replaced immediately, to avoid a hazard. **DO NOT ATTEMPT TO REPAIR POWER CORD.**
9. **Do not operate** charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.
10. **Do not disassemble charger or battery pack.** Take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
11. **Unplug charger** from outlet before attempting any maintenance or cleaning – to reduce risk of electric shock.
12. **Charge the battery pack** in a well ventilated place, do not cover the charger and battery pack with a cloth, etc., while charging.
13. **Do not store** the charger or battery pack in locations where the temperature may reach or exceed 122°F (50°C) (such as a metal tool shed, or a car in the summer), which can lead to deterioration of the storage battery.

14. **Do not charge battery pack** when the temperature is BELOW 40°F (4.4°C) or ABOVE 104°F(40°C). This is very important for proper operation.
15. **Do not incinerate battery pack.** It can explode in a fire.
16. **Do not charge battery** in damp or wet locations.
17. **Do not attempt** to charge any other cordless tool or battery pack with the Delta charger.
18. **Do not short across** the terminals of the battery pack: EXTREMELY HIGH TEMPERATURES COULD CAUSE PERSONAL INJURY OR FIRE.
19. **Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.** Double Insulation ☐ eliminates the need for the three wire grounded power cord and grounded power supply system.
20. **Dispose of expended batteries properly.** The Delta Battery Packs contains rechargeable, nickel-cadmium batteries. These batteries must be recycled or disposed of properly. Drop off expended battery packs at your local replacement battery retailer, your local recycling center, or at a Delta Service Center (see list on back page of this manual). Applicable fees for the collection and recycling of these batteries (in the United States), have been paid to the RBRC™. For further information, call: 1-800-8-BATTERY.



RBRC™ is a Trademark of the Rechargeable Battery Recycling Corporation.

SAVE THESE INSTRUCTIONS!

FUNCTIONAL DESCRIPTION

FOREWORD

Delta Model CL180BN Cordless Brad Nailer is a heavy duty pneumatic brad nailer. It is designed to install 18 ga. brad nails of various lengths (from 5/8" to 1 1/4" long).

CARTON CONTENTS

SOLD ONLY IN COMBO KIT CL180WWK that includes;

- | | |
|---------------------------|--------------------------|
| 1) CL180 - Drill | 6) CL180BN - Brad Nailer |
| 2) CL180C - Charger | 7) CL180FL - Flashlight |
| 3) CL180CS - Circular Saw | 8) CL180B - Battery - 2 |
| 4) CL180JS - Jig Saw | 9) Case |
| 5) CL180PS - Pad Sander | |

BATTERY CHARGING AND INSTALLATION

CHARGING THE BATTERY

Before using your cordless tool for the first time, fully charge the battery pack. If the battery pack is installed in the tool, remove it by following instructions under **INSTALLING OR REMOVING BATTERY PACK.**

As a battery pack approaches the discharged state, you will notice a sharp drop in tool performance. When the tool is unable to perform the task at hand, it is time to recharge the battery pack. Recharging the battery pack before this condition is reached will reduce the total work life of the pack. Discharging the pack beyond this point can damage the pack.

NOTE: Battery temperature will increase during and shortly after use. Batteries may not accept a full charge if they are charged immediately after use. Allow the battery pack to cool to room temperature before charging for best results.

CAUTION The battery charger must rest on the four pads provided on the bottom of the case. Vent slots in top and bottom of charger must not be obstructed. Do not charge battery when temperature is BELOW 40°F (4.4°C) or ABOVE 104°F (40°C).

NORMAL CHARGING AND DIAGNOSTICS

Make sure power circuit voltage is the same as that shown on the charger specification plate. Connect charger to power source. The orange light (A) Fig. 2, should light up. This indicates the charger is ready to begin charging.

Position battery pack on charger, align rails (D) Fig. 2 and Fig. 3, on battery charger with four tabs (C) Fig. 3 on battery pack. Slide battery forward onto charger until it stops.

The red light (B) Fig. 2, should begin to glow continuously, indicating that the battery pack is receiving a “Fast Charge” (if the red light does not glow continuously, and the green light (C) Fig. 2, begins to glow: remove battery and re-insert when battery temperature is between 40°F (4.4°C) and 104°F (40°C). After approximately one hour, the “Fast Charge” indicator light (red) should go out indicating that the battery pack is fully charged and that the charger is now in a “Trickle Charge” mode (green light). The battery pack can be left on “Trickle Charge” until you are ready to use it.

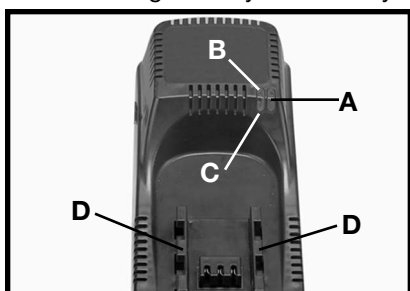


Fig. 2

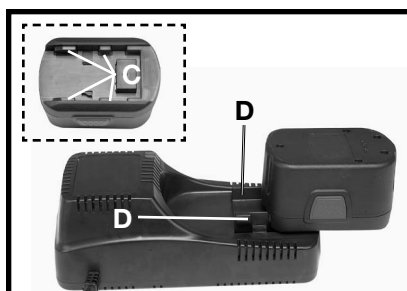


Fig. 3

Depending on room temperature, line voltage, and existing charge level, initial battery charging may take longer than one hour.

Disconnect charger from power source when not in use.

Special Charge Modes: If all lights go out after the battery is inserted, the charger has entered pre-charge mode. In approximately 5-10 minutes, the orange and red lights should turn on indicating that fast charge has been initiated. If all lights remain off after 15 minutes, remove the battery. The orange light should glow. Reinsert the battery. If the orange light goes out when the battery is inserted and all lights remain off for 15 minutes, battery should be replaced.

After inserting battery, if the orange light is on while the red and green lights remain off, remove battery and re-insert. If the orange light is on while the red and green lights remain off, battery should be replaced.

INSTALLING OR REMOVING BATTERY PACK

⚠ WARNING Always set the trigger switch to the locked OFF position when installing or removing the battery pack.

TO INSTALL BATTERY PACK: Align rails (A) Fig. 4, on battery pack with slots on tool and push battery pack onto tool until it locks in place.

TO REMOVE BATTERY PACK: Depress the battery release button (B) Fig. 4, and pull battery pack out of tool.

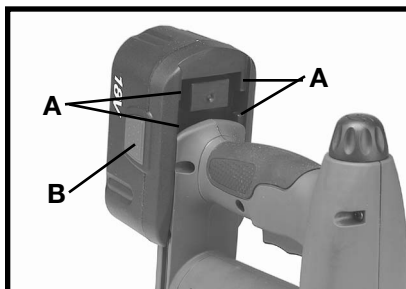


Fig. 4

ASSEMBLY

NOTE: This tool is shipped completely assembled. No assembly time or tools are required.

LOADING FASTENERS

⚠ WARNING REMOVE BATTERY PACK. ONLY USE APPROVED DELTA FASTENERS.

1. Pull down on the nail pusher (A) Fig. 5, until it locks in the open position as shown in Fig. 6.
2. Insert a strip of approved fasteners, (B) Fig. 7. Orient fasteners with points down, and in contact with the bottom of the magazine.
3. Pull nail pusher (A) Fig. 8, completely to the rear, rotate lever to the right and allow nail pusher to slowly slide forward to contact nails.



Fig. 5

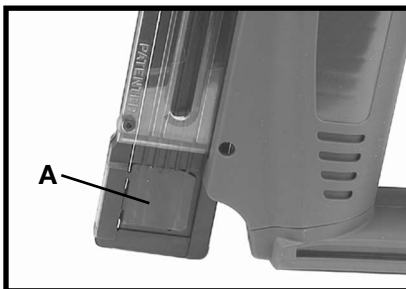


Fig. 6

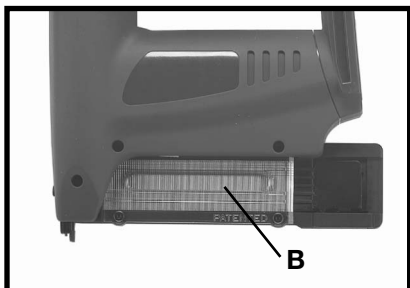


Fig. 7

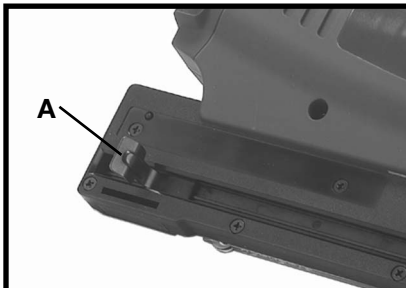


Fig. 8

OPERATION

Complete all steps of “**LOADING FASTENERS**” before using the tool.

1. Install the battery pack.
2. To fire, grip tool firmly to maintain control, position nose of tool onto work surface, push tool firmly against work surface to depress safety, as shown at (A) Fig. 9, and then squeeze trigger (B) to fire a fastener.

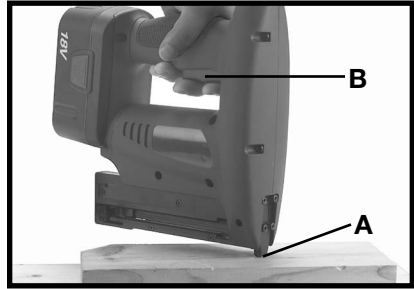


Fig. 9

ADJUSTING DEPTH OF DRIVE

The depth to which a fastener is driven is controlled by the depth adjustment knob (A) Fig. 10. The depth of drive is factory adjusted to a nominal setting. Test fire a fastener and check depth. If a change is desired, rotate the adjustment knob (A) Fig. 10. Rotate the knob clockwise, to increase the depth of drive, rotate the knob counterclockwise to decrease the depth of drive. Test fire another fastener and check depth. Repeat as necessary to achieve desired results. The amount of pressure required will vary depending on the size of the fastener and the material being fastened.

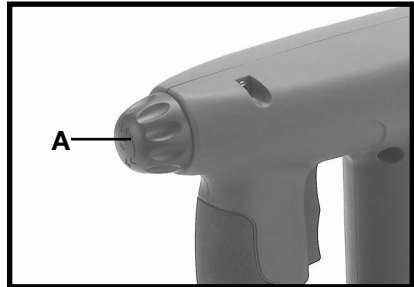


Fig. 10

CLEARING A JAMMED FASTENER

If you should experience a nail jam, use the following procedure to clear the jam.

⚠ WARNING REMOVE THE BATTERY FROM THE TOOL.

1. Retract nail pusher (A) Fig. 6, and remove any remaining fasteners (B) Fig. 7.
2. Remove as much spring tension as possible by turning the depth adjustment knob (A) Fig. 10, counterclockwise.
4. Install battery pack.
5. Press the tool safety (A) Fig. 9, against a block of scrap wood. Be sure to keep hands away from driver blade area.

5. Slowly depress the nailer trigger (B) Fig. 10, to retract the driver blade, but do not let the tool fully cycle. The spotting window (C) Fig. 11, can be used to determine the position of the driver blade. When the front end of the driver blade passes out of view, release the trigger.

⚠ WARNING REMOVE BATTERY PACK FROM TOOL. THIS WILL PREVENT ACCIDENTAL ACTUATION WHILE THE JAM IS BEING CLEARED.

6. Remove the two hex screws (D) Fig. 11, and protector plate (F).
7. Remove jammed nails with a small screwdriver or needle nosed pliers.
8. Replace the battery pack.
9. Release tension on drive spring by “dry” firing nailer into scrap wood.
10. The nailer is now ready for normal operation.

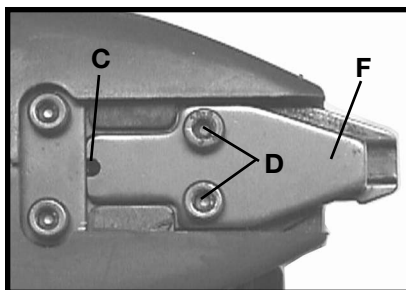


Fig. 11

TROUBLESHOOTING

For assistance with your tool, visit our website at www.deltamachinery.com for a list of service centers or call the Delta Machinery help line at 1-800-223-7278.

MAINTENANCE

KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

⚠ WARNING Wear ANSI Z87.1 safety glasses while using compressed air.

FAILURE TO START

Should your tool fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check for blown fuses or open circuit breakers in the line.

LUBRICATION

This tool has been lubricated with a sufficient amount of high grade lubricant for the life of the unit under normal operating conditions. No further lubrication is necessary.

BRUSH INSPECTION (If applicable)

For your continued safety and electrical protection, brush inspection and replacement on this tool should ONLY be performed by an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE•DELTA FACTORY SERVICE CENTER.

At approximately 100 hours of use, take or send your tool to your nearest authorized PORTER-CABLE Service Station to be thoroughly cleaned and inspected. Have worn parts replaced and lubricated with fresh lubricant. Have new brushes installed, and test the tool for performance.

Any loss of power before the above maintenance check may indicate the need for immediate servicing of your tool. DO NOT CONTINUE TO OPERATE TOOL UNDER THIS CONDITION. If proper operating voltage is present, return your tool to the service station for immediate service.

SERVICE

REPLACEMENT PARTS

When servicing use only identical replacement parts.

For a service parts list or to learn more about Delta Machinery visit our website at www.deltamachinery.com

SERVICE AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. For assistance with your tool, visit our website at www.deltamachinery.com for a list of service centers or call the Customer Care Department at 1-800-223-7278. All repairs made by our service centers are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by others.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

A complete line of accessories is available from your Porter-Cable•Delta Supplier, Porter-Cable•Delta Factory Service Centers, and Porter-Cable Authorized Service Stations. Please visit our Web Site www.deltamachinery.com for a catalog or for the name of your nearest supplier.

WARNING

Since accessories other than those offered by Porter-Cable•Delta have not been tested with this product, use of such accessories could be hazardous. For safest operation, only Porter-Cable•Delta recommended accessories should be used with this product.

WARRANTY



Two Year Limited New Product Warranty

Delta will repair or replace, at its expense and at its option, any new Delta machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer returns the product prepaid to a Delta factory service center or authorized service station with proof of purchase of the product within two years and provides Delta with reasonable opportunity to verify the alleged defect by inspection. For all refurbished Delta product, the warranty period is 180 days. Delta may require that electric motors be returned prepaid to a motor manufacturer's authorized station for inspection and repair or replacement. Delta will not be responsible for any asserted defect which has resulted from normal wear, misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized Delta service facility or representative. Under no circumstances will Delta be liable for incidental or consequential damages resulting from defective products. This warranty is Delta's sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by Delta.

PORTER-CABLE • DELTA SERVICE CENTERS (CENTROS DE SERVICIO DE PORTER-CABLE • DELTA) (CENTRE DE SERVICE PORTER-CABLE • DELTA)

Parts and Repair Service for Porter-Cable • Delta Power Tools are Available at These Locations
(Obtenga Refaccion de Partes o Servicio para su Herramienta en los Siguietes Centros de Porter-Cable • Delta)
(Locations où vous trouverez les pièces de rechange nécessaires ainsi qu'un service d'entretien)

ARIZONA

Tempe 85282 (Phoenix)
2400 West Southern Avenue
Suite 105
Phone: (602) 437-1200
Fax: (602) 437-2200

CALIFORNIA

Ontario 91761 (Los Angeles)
3949A East Guasti Road
Phone: (909) 390-5555
Fax: (909) 390-5554

San Diego 92111
7638 Clairemont Blvd.
Phone: (858) 277-9595
Fax: (858) 277-9696

San Leandro 94577 (Oakland)
3039 Teagarden Street
Phone: (510) 357-9762
Fax: (510) 357-7939

COLORADO

Arvada 80003 (Denver)
8175 Sheridan Blvd., Unit S
Phone: (303) 487-1809
Fax: (303) 487-1868

FLORIDA

Davie 33314 (Miami)
4343 South State Rd. 7 (441)
Unit #107
Phone: (954) 321-6635
Fax: (954) 321-6638

Tampa 33609
4538 W. Kennedy Boulevard
Phone: (813) 877-9585
Fax: (813) 289-7948

GEORGIA

Forest Park 30297 (Atlanta)
5442 Frontage Road,
Suite 112
Phone: (404) 608-0006
Fax: (404) 608-1123

ILLINOIS

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Franklin Industrial Park
101E Constitution Blvd.
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Fax: (816) 221-2897

St. Louis 63119

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